

REPLACEMENT PARAGRAPHS

Replace the paragraph on page 6, beginning at line 7, with:

AI This lanthanum aluminate provides much benefit in the area of optimizing the dielectric coefficient and low leakage. Some other materials have identifiable deficiencies. For example, lanthanum oxide has a dielectric constant that is in the right range but it absorbs water. The absorption of water is very detrimental to desirable manufacturing of integrated circuits. For example, the absorption of water by lanthanum oxide results in structural integrity problems. It becomes soft which would make it unusable in forming an integrated circuit structure. Aluminum oxide, for example, has a problem of too low of a dielectric constant. The dielectric constant of aluminum oxide is somewhat higher than silicon oxide but is not sufficiently more as to make it usable for continuous scaling. So there may be some solitary process geometry for which aluminum oxide may be usable but subsequent generations, where the dimensions would become smaller, would not be workable.

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